



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Canadian County Calumet	08	1630CST			0	0			Thunderstorm Wind (G65)
Caddo County 5 N Alfalfa	08	1635CST			0	0			Hail (1.00)
Jefferson County Addington	08	1728CST			0	0			Hail (1.75)
Noble County 5 SE Billings to 7 SE Billings	08	1731CST 1755CST	2	50	0	0			Tornado (F0)
A tornado was observed by spotters. No damage was reported.									
Canadian County 4 N Piedmont	08	1740CST 1745CST			0	0			Hail (0.75)
Canadian County 4 N Piedmont	08	1752CST			0	0			Thunderstorm Wind (G59)
Logan County Meridian	08	1800CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds blew down several tree limbs.									
Kay County 4 W White Eagle	08	1810CST			0	0	10K		Thunderstorm Wind
A barn was destroyed by severe thunderstorm winds.									
Logan County 9 S Coyle	08	1815CST	0.5	25	0	0	25K		Tornado (F1)
A tornado destroyed a barn and outbuildings.									
Oklahoma County Oklahoma City	08	1815CST			0	0			Hail (0.88)
occurred at 192nd and County Line Road									
Oklahoma County Oklahoma City	08	1818CST			0	0			Hail (1.00)
occurred at NW 113th and Council Road									
Oklahoma County Oklahoma City	08	1827CST			0	0			Hail (1.75)
occurred at NW 113th and Council Road									
Oklahoma County Oklahoma City	08	1832CST			0	0			Hail (1.75)
occurred at the intersection of Memorial and MacArthur Road									
Oklahoma County Edmond	08	1856CST			0	0			Hail (0.88)
occurred at the intersection of Eastern and Memorial Road									
Oklahoma County Oklahoma City	08	1905CST			0	0			Thunderstorm Wind (G52)
Severe thunderstorm winds reached 60 mph at Memorial Road and I-35.									
Lincoln County 4 S Perkins	08	1907CST			0	0	0.10K		Thunderstorm Wind
Strong winds uprooted a one-foot diameter tree, which then fell onto the porch of a local resident.									
Payne County Perkins	08	1908CST			0	0			Hail (0.75)



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OKLAHOMA, Western, Central and Southeast									
Payne County									
Perkins	08	1908CST			0	0			Thunderstorm Wind (G69)
Severe thunderstorm winds were estimated at 70 to 80 mph.									
Oklahoma County									
Oklahoma City	08	1930CST			0	0			Hail (0.88)
occurred at I-35 and Waterloo Road									
Payne County									
1 N Coyle	08	1930CST			0	0	5K		Thunderstorm Wind
Severe thunderstorm winds damaged outbuildings near Highway 33 in the southwest part of Payne County.									
Caddo County									
2 W Cyril	08	1957CST			0	0			Hail (0.88)
Lincoln County									
Chandler	08	2014CST			0	0	1K		Thunderstorm Wind
Severe thunderstorm winds downed numerous large tree limbs in the Chandler area. One large limb fell onto and damaged a pick-up truck.									
Logan County									
6 E Guthrie	08	2030CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds blew the roof off a barn and downed trees.									
Lincoln County									
Wellston	08	2145CST			0	0			Hail (0.88)
Oklahoma County									
Edmond	08	2205CST			0	0			Hail (1.00)
occurred at the intersection of 33RD and Santa Fe									
Grady County									
Rush Springs	08	2225CST			0	0			Hail (0.75)
Lincoln County									
Chandler	08	2230CST			0	0	20K		Lightning
Lightning struck and set fire to a rural Chandler home. Damage was estimated at \$20,000.									
Oklahoma County									
Edmond	08	2230CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds downed numerous limbs to the south and west of Edmond.									
Comanche County									
4 E Elgin	08	2300CST			0	0	0.01K		Thunderstorm Wind
Strong winds blew 8-10 inch diameter limbs from trees.									
Lincoln County									
4 S Stroud	08	2315CST			0	0	25K		Lightning
Lightning struck a crude oil tank, causing an explosion and blowing the tank off its base. The resulting fire destroyed a nearby small office.									
Stephens County									
Marlow	08	2320CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds blew limbs from trees.									
Comanche County									
Elgin	08 09	2330CST 0030CST			0	0			Flash Flood
Several county roads and bridges in northeastern Comanche County were washed out by flash flood waters.									

Summary of events of October 8, 1997:



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October 1997

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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

A line of severe thunderstorms developed and moved across western and central Oklahoma during the evening, producing large hail, damaging winds, and 2 tornadoes.

The first tornado was observed southeast of billings in Noble County. No damage occurred, and the tornado was rated F0. The second tornado touched down south of Coyle in Logan County, destroying a barn and some outbuildings. Damage was rated F1.

The largest hail (up to the size of golf balls) fell in Oklahoma City in Oklahoma County and in Addington in Jefferson County. Severe thunderstorm wind gusts were estimated to be as high as 80 mph (in Perkins in Payne County). Structural wind damage was reported west of White Eagle in Kay County, near Coyle in Payne County, and east of Guthrie in Logan County. Tree damage was reported in Meridian in Logan County, south of Perkins and in Chandler in Lincoln County, in Edmond in Oklahoma County, east of Elgin in Comanche County, and in Marlow in Stephens County.

See preceding individual Storm Data entries for further details and additional reports.

Garvin County									
2 SE Elmore City	30	1935CST			0	0			Hail (0.88)

TEXAS, Western North

Baylor County									
8 N Seymore	23	1300CST			0	0			Hail (1.00)
Baylor County									
4 N Mabelle	23	1315CST			0	0			Hail (1.75)
Archer County									
4 N Archer City	23	1422CST			0	0			Hail (0.88)
Archer County									
Scotland	23	1439CST			0	0			Hail (1.00)
Archer County									
Archer City	23	1456CST			0	0			Hail (1.25)
Wilbarger County									
Grayback	23	1624CST			0	0			Hail (0.75)

Summary of events of October 23, 1997:

Afternoon severe thunderstorms produced hail as large as golf balls (north of Mabelle in Archer County) as they moved across western parts of north Texas.

See preceding individual Storm Data entries for further details and additional reports.